

CLAIMS

What is claimed is:

1. A transmitter circuit for transmitting a test signal from a programmable input/output pin of a programmable logic device, the transmitter circuit comprising an amplifier having an amplifier control terminal, a first supply terminal connected to the input/output pin, and a first amplifier output terminal.
2. The transmitter circuit of claim 1, further comprising a second amplifier having a second amplifier control terminal, a second supply terminal connected to a power supply line of the programmable logic device, and a second amplifier output terminal.
3. The transmitter circuit of claim 2, further comprising:
  - a. a first transistor having a first current-handling terminal connected to the input/output pin, a second current-handling terminal, and a first control terminal connected to the first amplifier output terminal; and
  - b. a second transistor having a third current-handling terminal connected to the input/output pin, a fourth current-handling terminal connected to the second current-handling terminal, and a second control terminal connected to the second amplifier output terminal.
4. The transmitter circuit of claim 1, further comprising a transistor having a first current-handling terminal connected to the input/output pin, a second current-handling terminal, and a control terminal connected to the first amplifier output terminal.